

3/14/02

PATENT  
P5662  
10/078348  
02/21/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CHANG-HUM LEE

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 21 February 2002

Art Unit: *to be assigned*

For: PORTABLE COMPUTER SYSTEM AND CONTROLLING METHOD THEREOF

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites and provides copies of the following art reference:

1. Korean Patent Publication No. 1998-26702 to Kyung-Soo Lee, entitled *BRIGHTNESS CONTROL APPARATUS IN A LCD*, published on 5 August 1998, pertains to a back light brightness controller in a LCD which includes a power supply, a DC/DC converter, a DC/AC converter, a fluorescent lamp, on/off controller, a bright controller, and a feedback portion.
2. Korean Patent Publication No. 1999-84477 to Chang-Soo Shon, entitled *METHOD*

*AND CIRCUIT OF RIVING A BACK LIGHT IN A PORTABLE APPARATUS*, published on 6 December 1999, pertains to a back light driving circuit which reduces power consumption of a LCD and compensates for signal processing by using the reducing consumption of the LCD.

3. Japanese Patent Publication No. 5-165424 to Yano, entitled *INVERTER FOR LCD BACK LIGHT*, published on 2 July 1993. English language Abstract is attached.
4. Japanese Patent Publication No. 5-276656 to Hirayama *et al.*, entitled *LIQUID CRYSTAL DISPLAY*, published on 22 October 1993. English language Abstract is attached.
5. Japanese Patent Publication No. 6-034946 to Shibata, entitled *BACK LIGHT UNIT*, published on 10 February 1994. English language Abstract is attached.
6. Japanese Patent Publication No. 7-120719 to Kanai, entitled *LIGHT CONTROLLABLE DEVICE*, published on 12 May 1995. English language Abstract is attached.
7. Japanese Patent Publication No. 7-211476 to Nomoto, entitled *LIGHTING CIRCUIT FOR FLUORESCENT LAMP*, published on 11 August 1995. English language

Abstract is attached.

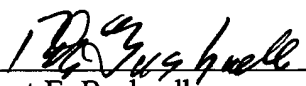
8. Japanese Patent Publication No. 8-213182 to Lee, entitled *DRIVING CIRCUIT OF REAR SURFACE LIGHT SOURCE OF LIQUID CRYSTAL DISPLAY ELEMENT*, published on 20 August 1996. English language Abstract is attached.
9. Japanese Patent Publication No. 9-230304 to Iijima, entitled *LIQUID CRYSTAL BACK LIGHT DRIVE CIRCUIT*, published on 5 September 1997. English language Abstract is attached.
10. Japanese Patent Publication No. 9-080377 to Shikanuma, entitled *DIMMER FOR IMAGE DISPLAY DEVICE*, published on 28 March 1997. English language Abstract is attached.
11. Japanese Patent Publication No. 10-148808 to Kohata, entitled *BACKLIGHT DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE USING IT*, published on 2 June 1998. English language Abstract is attached.
12. Japanese Patent Publication No. 11-097196 to Nagai, entitled *DIMMING DEVICE FOR LIQUID CRYSTAL DISPLAY*, published on 9 April 1999. English language Abstract is attached.

13. U.S. Patent No. 5,854,617 to Lee *et al.*, entitled *CIRCUIT AND A METHOD FOR CONTROLLING A BACKLIGHT OF A LIQUID CRYSTAL DISPLAY IN A PORTABLE COMPUTER*, issued on December 29, 1998.
14. U.S. Patent No. 6,069,449 to Murakami, entitled *BACKLIGHT CONTROL DEVICE FOR AN LCD*, issued on May 30, 2000.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

  
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